

# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

24341

7590

07/07/2005

MORGAN, LEWIS & BOCKIUS, LLP. 2 PALO ALTO SQUARE 3000 EL CAMINO REAL PALO ALTO, CA 94306 EXAMINER
VU. BAO O

PAPER NUMBER

ART UNIT

DATE MAILED: 07/07/2005

2838

	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
•	10/750 692	12/31/2003	Sang Hyun Moon	11037-178-999	2206

TITLE OF INVENTION: VECTOR-CONTROLLED DUAL INVERTER SYSTEM AND METHOD FOR INDUCTION MOTOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	10/07/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

appropriate. All further cor	respondence including the local below or directed otherwise	Patent, advance or	ders and notification	of maintenance fees	uired). Blocks 1 through 5 s will be mailed to the current s; and/or (b) indicating a sepa	correspondence address as
	E ADDRESS (Note: Use Block 1 for	any change of address)		Fee(s) Transmittal. T	of mailing can only be used for his certificate cannot be used that paper, such as an assignmente of mailing or transmission.	for any other accompanying
	90 07/07/2005	D				
	IS & BOCKIUS, LI	P.		C I hereby certify that	ertificate of Mailing or Trans this Fee(s) Transmittal is bein	smission g denosited with the United
2 PALO ALTO SQ 3000 EL CAMINO	•			States Postal Service	with sufficient postage for fir	st class mail in an envelope
PALO ALTO, CA				transmitted to the US	this Fee(s) Transmittal is bein with sufficient postage for fir ail Stop ISSUE FEE address PTO (571) 273-2885, on the	late indicated below.
THEO HETO, OH	J4500					(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	NTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/750,692	12/31/2003		Sang Hyun Moo	n	11037-178-999	2206
TITLE OF INVENTION: V	ECTOR-CONTROLLED D	ual inverter	SYSTEM AND ME	THOD FOR INDUCT	ION MOTOR	
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE P	UBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	)	\$300	\$1700 —	10/07/2005
EXAM	INER	ART UN	IIT C	LASS-SUBCLASS		
VU, B	AO Q	2838		363-037000		
CFR 1.363).  Change of correspond Address form PTO/SB/12  "Fee Address" indicat	e address or indication of "Formula address (or Change of 22) attached.  ion (or "Fee Address" Indicate more recent) attached. Use	Correspondence	(1) the names of or agents OR, alto (2) the name of a registered attorne	single firm (having as y or agent) and the na t attorneys or agents.	ent attorneys 1s a member a 2s mes of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON 1				
PLEASE NOTE: Unless		low, no assignee	data will appear on	the patent. If an assig	gnee is identified below, the o	locument has been filed for
(A) NAME OF ASSIGN	E <b>E</b>	(B	B) RESIDENCE: (CI	Y and STATE OR CO	OUNTRY)	
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the patent):	☐ Individual ☐ (	Corporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:	46	. Payment of Fee(s):			
Issue Fee			_	mount of the fee(s) is		
Publication Fee (No s	mall entity discount permitte	ed)		it card. Form PTO-20		
Advance Order - # of	Copies		The Director is Deposit Account No	hereby authorized by umber	charge the required fee(s), or (enclose an extra c	credit any overpayment, to copy of this form).
5. Change in Entity Status	(from status indicated above	:)		<u></u>		
	MALL ENTITY status. See				ALL ENTITY status. See 37 C	14
The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	ne Fee and Publica vill not be accepted ent and Trademark	tion Fee (if any) or to d from anyone other Office.	re-apply any previou han the applicant; a re	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature				Date		<del></del>
Typed or printed name _			<del></del>	Registratio	on No.	
This collection of informatic an application. Confidential	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C.	11. The information 122 and 37 CFR	on is required to obtain 1.14. This collection	n or retain a benefit by is estimated to take 12	the public which is to file (an 2 minutes to complete, includi	d by the USPTO to process)

an appression. Confidentially is governed by 35 U.S.C. 122 and 37 CFK 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandra, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION N	PLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/750,692		12/31/2003	Sang Hyun Moon	11037-178-999	2206	
24341	7590	07/07/2005	EXAMINER			
		BOCKIUS, LLP.	VU, B	VU, BAO Q		
2 PALO ALT 3000 EL CA			ART UNIT	PAPER NUMBER		
PALO ALTO	), CA 94306	<b>,</b>		2838		
			DATE MAILED: 07/07/2005			

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 21 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 21 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.